

**WHAT IS CLAIMED IS:**

1. An electronic apparatus with natural convection structure, comprising:
  - a casing structure, said casing structure having a first hole passing through said casing structure from a top surface to a bottom surface thereof;
  - a first printed circuit board disposed adjacent to one side of said first hole in the casing structure and substantially parallel to said side of said first hole; and
  - at least a supporting device disposed on said bottom surface of said casing structure.
2. The electronic apparatus according to claim 1 wherein said electronic apparatus is an external Power supply for a DeskNote computer.
3. The electronic apparatus according to claim 1 further comprising a second printed circuit board disposed adjacent to the other side of said first hole in the casing structure and substantially parallel to said other side of said first hole.
4. The electronic apparatus according to claim 1 further comprising a second hole passing through the relative sides of said casing structure, communicating with said first hole, and being vertical to said first hole and substantially parallel to said first printed circuit board.
5. The electronic apparatus according to claim 1 wherein said supporting device has a specific height, and said specific height is substantially at least 3 mm.
6. The electronic apparatus according to claim 1 wherein said supporting device is extended outward a specific width from the sidewalls of said casing structure, and said specific width is substantially at least 3 mm.
7. The electronic apparatus according to claim 1 wherein the distances from said first hole to the edges of said casing structure are substantially equal.

8. The electronic apparatus according to claim 1 wherein said casing structure and said first hole are integrally formed.
9. The electronic apparatus according to claim 1 wherein the vertical and horizontal cross-sections of said first hole are rectangular.
10. The electronic apparatus according to claim 1 further comprising an input device, and said input device is one selected from a group consisting of a plug, a socket, and a power cord.
11. The electronic apparatus according to claim 1 further comprising an output device, and said output device is one selected form a group consisting of a plug, a socket, and a power cord.